

SMEJKAL, Vaclav

Rapid method for silicate analysis. Sbor chem tech 4 no.1:533-545
'60. (EEAI 10:9)

1. Ustredni ustav geologicky a katedra mineralogie a nerostnych surovin,
Vysoka skola chemicko-technologicka, Praha.

(Silicates)

S Me₃KA/V.

5000

Determination of acetylene. M. Singhar and V. Suresh
(Vyskumny listy acetylen chem. Sovsky. Chem.
Chem. Zvesti 10, 70-3 (1950) (German summary). The
detn. of acetylene (I) with AgNO₃ (II) with direct potenti-
metric titration of excess and complex bound II by HCl is
described. In this method the reaction soln. must be so
prepd. that the equiv. ratio of I and II is kept const. The
equiv. ratio of I to II is 1:2, or 1 ml. 0.1N soln. of II corre-
sponds to 1.302 mg. of I. Because this reaction is rever-
sible, HNO₃ formed during the reaction must be removed
by the addn. of AcONa to keep the pH 4-5. The reaction
time must be at least 10 min.; if shorter, the results are low.
Jan Mlyn

(2)

AB
KWK

CHEKAI, V.

New trends in the development of porous plastic leather substitutes. p.60 (Kozarstvi,
Vol.7, no. 3, Mar. 1957) Praha

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6 no. 7, July 1957. Uncl.

Internal Medicine

CZECHOSLOVAKIA

UDC 616.33-002.44-08

RONSKY, R.; SNEJKAL, V.: 4th Internal Clinic, Faculty of General Medicine, Charles University (IV. Interni Klinika Fak. Vseob. Lek. KU), Prague, Chief (Prednosta) Prof Dr M. FUCIK; Research Institute for Pharmacy and Biochemistry (Vyzkumny Ustav pro Farmacii a Biochemii), Prague, Director (Reditel) Dr O. NEJEDLIK

"Opportunities for a Reliable Determination of Successful Clinical Therapy of Peptic Ulcer."

Prague, Casopis Lekaru Ceskych, Vol 106, No 7, 17 Feb 67, pp 178 - 181

Abstract [Authors' English summary modified]: A method using a double blind test for the evaluation of the treatment of peptic ulcer is described. By the test anti-ulcerous preparations can be evaluated in a uniform and objective manner. A long term follow-up of the patients is necessary for the proper evaluation of the drugs. 20 Western, 9 Czech, 1 USSR reference. (Manuscript received Dec 65).

1/1

SMEJKAL, V.; ZLAMAL, K.

Nomograms of achromatic lenses. Jemna mech opt 8 no.11:
346-348 N'63.

1. Ustav pro vyzkum optiky a jemne mechaniky, Prerov.

SMEJKAL, V., MUDr; VANA, V., MUDr

Therapy of spontaneous panniculitis of Weber-Christian type, with
cortisone and ACTH. Cas. lek. cesk. 93 no.46:1280-1281 12 Nov 54.

1. Z chirurgického oddelení OÚNE v. České Lipe, přednosta MUDr
V. Fabian

(PANNICULITIS, therapy

ACTH & cortisone)

(ACTH, ther. use

panniculitis)

(CORTISONE, ther. use

panniculitis)

SMLJKAL, V.; SMLJKALOVA-PAZAKOVA, B.

Methodological contribution to the isolation of leukocytes from peripheral blood for the biochemical examination. Cesk. fysiол. 11 no.2:117-120 '62.

1. Vyzkumny ustav endokrinologicky, Praha.
(LEUKOCYTES)

NEVSIMAL, O.; ROTH, B.; SMEJKAL, Vl.; SOUMAR, J.

EEG studies on hyperthyroidism and hypothyroidism before and after clinical therapy. Cesk. neurol. 25 no.4:243-247 J1 '62.

1. Neurologická klinika fakulty všeobecného lékařství University Karlovy v Praze, přednosta akademik K. Henner Vyzkumný ústav endokrinologický, ředitel prof. K. Silink.

(ELECTROENCEPHALOGRAPHY) (HYPERTHYROIDISM ther)
(HYPOTHYROIDISM ther)

SINGLIAR, M.; SMEJKAL, V.

Determining chlorinated hydrocarbon in waste waters. Chem prum
14 no.6:283-286 Je '64.

i. Research Institute of Petrochemistry, CHZWF National Enterprise, Novaky.

TOPOLSKY, L. MUDr.; POLEDNIK, J., MUDr.; SNEJKALOVA, J.; LABUS, I.

Fertility following treatment of tuberculosis of the internal female genitalia. Cesk. gynek. 44 no.3:198-201 Apr'65.

1. Gyn.-por. odd. Obvodního ústavu národního zdraví v Popradě (vedoucí: MUDr. L. Topolický); Gyn.-por. odd. UNZ v Krompachoch (vedoucí: MUDr. J. Poledník) a Liecoba pre tbe v Novom Smokovci (riadiťel: MUDr. K. Krečnavý).

TOPOLSKY, L., dr.; SMEJKALOVA, J.; LABIS, I.

Treatment of internal genitalia with second line antituberculous.
Cesk. gynek. 30 no.1:40-43 Mr'65.

1. Liecebna pre tuberkulozu v Novom Smokovci (riaditel: dr. A. Krechnavy) a Gyn.-por. oddzial Obvodniho ustavu narodniho zdravi v Poprade (veduci: dr. L. Topolsky). 2. L.Topolsky's address: Poprad, Uzavreta 2.

L 43/01-65 EPA(s)-2/EWA(o)/EWT(m)/EWG(m)/EWP(b)/T/EWP(t) Pt-7 IJF(g) BIV/4
 0/0030/65/008/002/0613/0618
 ACCESSION NR: AP5005381 JD/JU
 AUTHOR: Ivanov-Omskiy, V.I.; Kolomiychuk, B.T.; Mal'kova, A.A.; Ogorodnikov, V.K.; Smekalova, K. P.
 TITLE: Galvanomagnetic properties of mercury telluride
 SOURCE: Physica status solidi, v. 8, no. 2, 1965, 613-618
 TOPIC TAGS: Galvanomagnetic property, mercury telluride, semiconductor, donor concentration, Hall coefficient, semimetal, single crystal, conductivity, Hall mobility
 ABSTRACT: This paper reports the results of an investigation of the galvanomagnetic properties of HgTe carried out on purer p-type samples, and also the results of measurements made on an n-type single crystal with an excess concentration of donors $n = 4.5 \times 10^{16} \text{ cm}^{-3}$. This is a continuation of an earlier study in which the Hall coefficient and conductivity of p-type single crystals of HgTe at low temperatures were measured. It was on the basis of this study that the conclusion was made that HgTe is a semimetal. In the present investigation the conductivity, Hall coefficient, and change of resistance in a magnetic field were
 Cord 1/2

L 43601-65

ACCESSION NR: AP5005381

measured in the temperature interval 2 to 300°K. No rigorous agreement between experiment and the two-zone conductivity model was observed. The HgTe single crystals were prepared by horizontal zone melting. An estimate is given of the temperature dependence of the natural concentration of charge carriers. The Hall mobility of the n-type sample at low temperatures exceeds 200,000 cm²/sec. Orig. art. has: 7 figures and 1 table.

ASSOCIATION: Fiziko-tekhnicheskiy institut, Leningrad (Physicotechnical Institute)

SUBMITTED: 10Nov64

ENCL: 00

SUB CODE: 80, 88

NO REF SOV: 002

OTHER: 006

Card 2/2116

SMEJKALOVA, M.

ZEMPLENYI, T., MUDr; BECK, W., MUDr; SMEJKALOVA, M., MUDr; RAUCHENBERG, M.,
MUDr

Implantation stenosis of liver carcinoma to the heart with a clinical
picture of valvular lesions. Cas. lek. cesk. 93 no.43:1194-1198
22 Oct '4.

1. Z Int. odd. st. obl. nem. v Praze-Motole, prednosta prof. MUDr
V.Jonas. (for Zemplenyi, Beck, Smejkalova) 2. Z prosektury st.
obl. nem. v Praze-Motole, prednosta primar MUDr M.Rauchenberg.
(for Rauchenberg)

(HEART, neoplasms,
metastatic from liver, differ. diag. from valvular
lesions)

(LIVER, NEOPLASMS,
metastatic to heart, simulating valvular lesions)

(CARDIAC VALVES, diseases,
differ. diag. from carcinoma of heart metastatic from liver)

HOLECKOVA, Helena; SMEJKALOVA, Marie

Petrochemistry of Klatovy granite. Sbor chem tech no.3, part 2:307-319 '59.

1. Katedra mireralogie, Vysoka skola chemicko-technologicka, Praha.

SMEJKALOVA, Marie

Petrochemistry of Jevany granite. Sbor chem tech 4 no.1:383-390
'60. (EEAI 10:9)

1. Katedra mineralogie, Vysoka skola chemicko-technologicka, Praha.
(Granite)

SIMEK, Karel; HORECKA, Jana; Technická asistence: SMEJKALOVA, Marie

Heterohemagglutination in epidemic hepatitis. Scr. med. fac.
med. Brunensis 36 no.5:241-248 '63.

1. Katedra mikrobiologie lékařské fakulty university J.E.
Purkyne v Brně. Vedoucí katedry: MUDr. Lad. Jandasek, C.Sc.
Infekční klinika fakultní nemocnice v Brně-Bohuněvích
Prednosta: prof. MUDr. Václav Houbal, Dr.Sc.
(HEPATITIS, INFECTIOUS) (HEMAGGLUTINATION)
(ANTIBODY FORMATION) (LIVER DISEASES)
(LIVER FUNCTION TESTS)

SILJKAL, V.; SILJKALOVA-PIAZAKOVA, B.

Methodological contribution to the isolation of leukocytes from peripheral blood for the biochemical examination. Cesk. fysiол. 11 no.2:117-120 '62.

1. Vyzkumny ustav endokrinologicky, Praha.
(LEUKOCYTES)

CZECHOSLOVAKIA

SMEJKALOVA-PAZAKOVA, E; SMEJKAL, V.

Research Institute of Endocrinology (Vyzkumny ustav endo-
krinologicky), Prague (for both)

Prague, Vnitřní Lekarství, No 9, 1964, pp 908-911

"The Significance of Adenosintriphosphatase Activity
in Leukocytes for the Diagnosis of Thyrotoxicosis."

CZECHOSLOVAKIA

SMEJTEK, P.; HONZL, J.; METALOVA, V.

Institute of Macromolecular Chemistry, Czechoslovak
Academy of Sciences, Prague - (for all).

Prague, Collection of Czechoslovak Chemical Communi-
cations, No 11, November 1965, pp 3875-3889.

"Electron paramagnetic resonance of radical cations
of benzidine and tetramethylbenzidine."

Intermolecular effects in liquids. II. Liquid-vapor
equilibrium in the system butyl ether-ethyl ether. 7 Dusan
Papoušek and Emil Smékal (Přirodovědecká fak., Masary-
kova univ., Brno, Czech.). Chem. listy 52, 842-3 (1958);
cf. C.A. 52, 3443i. — The vapor-liquid equil. in the system
BuOH-EtOH was detd. at 600 mm. Hg. The system be-
haves ideally in agreement with theoretical expectation.
E. Erdős

6
2-May

STANEK, Jaroslav; SMEKAL, Emil

On the possibility of distinguishing chemical compounds by
semiconducting sensors. Scr. med. fac. med. Brunensis 36
no.5:215-228 '63.

1. Katedra lekárske fyziky lekárske fakulty university J.E.
Purkyne v Brne. Vedouci: MUDr. Jaroslav Stanek CSc.
(CHEMISTRY, ANALYTICAL) (ALCOHOLS)

SKOTAKOVA, Marie; NEZVAL, Jaroslav; SMEKAL, Emil

Contribution to the mechanism of the potentiating effect of ethylenediaminetetraacetic acid on the bactericidal activity of N-(alpha-carbethoxypentadecyl)-trimethylammonium chloride. Scr.med.fac.med. Brunensis 37 no.1:21-28 '64.

Contribution to the mechanism of the potentiating effect of ethylenediaminetetraacetic acid on the bactericidal activity of N-(alpha-carbethoxypentadecyl)-trimethyl ammonium chloride.

1. Katedra lekarske fyziky lekarske fakulty university J.E. Purkyne v Brne (vedouci:doc. MUDr. Jaroslav Stanek, CSc.) a Katedra hygieny a epidemiologie lekarske fakulty university J.E.Purkyne v Brne (vedouci:prof. MUDr. et RNDr.Karel Halacka).

★

1. 0045-45

ACC NR: AP6027376

SOURCE CODE: CZ/0043/66/000/004/0299/0306

AUTHOR: Smokal, Emil (Graduate chemist; Brno)

ORG: Department of Medical Physics, Medical Faculty, J. E. Purkyně University, Brno
(Katedra lékařské fyziky Lékařské fakulty University J. E. Purkyně)

TITLE: Fluorescence measurements with a universal spectrophotometer

SOURCE: Chemické zvesti, no. 4, 1966, 299-306

TOPIC TAGS: spectrophotometer, fluorescence, fluorescence spectrum/VSU-1 spectrophotometer

ABSTRACT: The author describes a modification of the East German universal spectrophotometer produced by the firm Carl Zeiss, Jena Model VSU-1 so that it could be used for fluorescent spectrophotometry and for fluorometric measurements. Combining the instrument with a linear recorder makes possible direct recording of fluorescence spectra. The modification using parts produced in East European countries is supposed to be equal to a commercial fluorimeter offered by Photovolt Corp. of New York. Orig. art. has: 7 figures
JPRS: 36, 4647

SUB CODE: 20 / SUBM DATE: 07Jul65 / ORIG REF: 006 / SOV REF: 001 / OTH REF: 004

Card 1/1 mcr

0917

0503

GALATIK, Antonin; SMEKAL, Frantisek; KOVACOVA, Olga

Indirect polarographic determination of calcium in chrome leather. Kozarstvi 14 no. 2: 49-50 F '64.

1. Oblastni laborator, Svit, n.p., Otrokovice.

VEKA
SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees:

Affiliation:

Source: Prague, Prakticky Lekar, Vol 41, No 11, 1961, pp 499-505.

Data: "Prevention in the Staphylococcal Infections in Maternity and Infant
Departments."

Authors: GAZAREK, Frantisek, MD, Director of the Obstetrical and Gynecological
Department OUNZ /Okresni ustav narodniho zdravi; Okres
Institute of Public Health/ (Porodnicko-gynekologicke
oddeleni OUNZ), Sumperk.

Luskac, Emil, MD, /presumably/ Epidemiological Department of the
Ministry of health (Oddeleni epidemiologie Ministerstva
zdravotnictvi), Prague.

HAJDUK, Frantisek, MD, /presumably/ Epidemiological Department of
the Ministry of Health, Prague.

SMEKAL, M., RNDr, KHES /Krajska hygienicko-epidemiologicke stani-
ce; Kraj Public Health and Epidemiology Station/, Olomouc

VAREKA, RNDr, OHES /Okresni hygienicko-epidemiologicke stanice;
Okres Public Health and Epidemiology Station/, 1670 9616-3
Sumperk.

BOLEK, S.; SMEKAL, M.; VYKYDAL, M.; ZIZKA, Z.

Antibacterial and antimycotic effects of various antimalarials.
Bratisl. lek. listy 45 no.8:499-505 30 Apr '65

1. Okresni hygienicko-epidemiologicka stanice v Olomouci
(reditel: MUDr. V. Burian) a III. interni klinika Lekarske fakulty
University Palackeho v Olomouci (vedouci: prof. MUDr. V. Pelikan).

MORGUN, A., inzh.; SHCHERBAKOV, V., inzh.; ZUBKOV, V. inzh.; ~~SMOKALIN, V.~~
inzh.

Rubber cleaner for separator sieves. Mik.-elev.prom. 25 no.7:
16-17 J1 '59. (MIRA 12:11)

1. Gor'kovskiy mashinostroitel'nyy zavod im. Vorob'yeva (for
Morgun, Shcherbakov). 2. Gor'kovskiy mel'nichnyy kombinat No.1
(for Zubkov, Smokalin).
(Sieves)

SMEKALIN, V.I.

Packing glands for turbodrills. Bezop.truda v prom. 5 no.7:30
J1 '61. (MIRA 14:6)

1. Kontora bureniya No. 5 Saratovskogo sovmarkhoza.
(Turbodrills)

31881
S/170/62/005/001/009/013
B125/B104

24.5200
AUTHOR:

Smekalin, V. I.

TITLE: A method for quickly determining the coefficients of thermal diffusivity and thermal conductivity of nonconductors

PERIODICAL: Inzhenerno-fizicheskiy zhurnal, v. 5, no. 1, 1962, 99-101

TEXT: An improved method, theoretically based on the solution of the problem of a plane source of heat with a constant specific power q in an unbounded medium with the coefficient of thermal conductivity a and the coefficient of thermal diffusivity λ , has been elaborated for studying the thermal properties of nonconductors. From the solution

$$\Delta t = t(x, \tau) - t_0 = (q \sqrt{a\tau/\lambda}) i \operatorname{erfc}(x/2 \sqrt{a\tau}). \quad (1)$$

one obtains

$$\theta = \frac{\Delta t_2}{\Delta t_1} = \sqrt{\frac{\tau_2}{\tau_1}} \frac{i \operatorname{erfc}(x/2 \sqrt{a\tau_2})}{i \operatorname{erfc}(x/2 \sqrt{a\tau_1})}. \quad (4)$$

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31881

S/170/62/005/001/009/013

B125/B104

A method for quickly determining...

with the formulations

$$\Delta t_1 = t_1(x, \tau_1) - t_0 = (q \sqrt{a \tau_1} / \lambda) i \operatorname{erfc}(x/2 \sqrt{a \tau_1}) \quad (2)$$

and

$$\Delta t_2 = t_2(x, \tau_2) - t_0 = (q \sqrt{a \tau_2} / \lambda) i \operatorname{erfc}(x/2 \sqrt{a \tau_2}). \quad (3)$$

for the instants τ_1 and τ_2 . By means of the functions

$$\Lambda_1 = x/2 \sqrt{a \tau_1}; \quad (5)$$

$$\Lambda_2 = x/2 \sqrt{a \tau_2} = \Lambda_1 \sqrt{\tau_1/\tau_2}; \quad (6)$$

$$\varphi_a = 1/4 \Lambda_2^2 \quad (7)$$

and

$$\varphi_\lambda = (1/2 \Lambda_2) (i \operatorname{erfc} \Lambda_2). \quad (8)$$

(4) is represented in the form

$$\theta = \sqrt{\frac{\tau_2}{\tau_1}} \frac{i \operatorname{erfc} \Lambda_2}{i \operatorname{erfc} \sqrt{\tau_2/\tau_1} \Lambda_1}. \quad (4')$$

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X

A method for quickly determining...

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S/170/62/005/001/009/015
B125/B104

At fixed values τ_1 and τ_2 , λ_2 can easily be found from (4') with the aid of a nomogram. a and λ , respectively, have to be calculated from (6) and (3), respectively: $a = x^2 \varphi_a / \tau_2$ and $\lambda = qx \varphi_1 / \Delta t_2$, φ_a and φ_λ were determined graphically. Fig. 2 shows the basic diagram of the apparatus operating according to the principle proposed here. In the course of the experiment, which took 5 to 6 min, the temperatures were determined for the instants 2, 3, 4, 5, and 6. The values of a and λ , obtained for a great number of different materials (textolites, glass textolites, plastics, resins, etc.) by the method and apparatus described above, deviated only by 5 and 3 %, respectively, from their arithmetic means. In view of the great experimental and theoretical simplicity of the method under consideration, it is suitable for quick investigations of many nonconductors dielectrics. There are 2 figures and 3 Soviet references.

SUBMITTED: May 15, 1961

Card 3/A
5

X

L 8528-65 ABDC(b)
ACCESSION NR: AP4046808

S/0096/64/000/010/0082/0083

AUTHORS: Zalkind, I. Ya. (Candidate of technical sciences); Belovich, I. S.
Smekalkin, V. I.; Kormer, I. M. (Engineer); Khlyustova, A. N. (Engineer) B

TITLE: A new device for determining the coefficient of thermal conductivity at high temperatures

SOURCE: Teploenergetika, no. 10, 1964, 82-83

TOPIC TAGS: thermal conductivity, high temperature instrument⁰/ PP potentiometer,
PPTN 1 potentiometer, NG 55 null galvanometer⁰

ABSTRACT: Present devices²⁸ for measuring thermal conductivity⁰ at high temperatures are based on steady methods. A whole series of planar, cylindrical, and spherical devices have been employed. Several defects of present methods are pointed out by the authors. The present work presents the design of a simple device, with maximum simplicity of measurement, for determining the coefficient of thermal conductivity of small specimens at high temperatures. The basic scheme is shown in Fig. 1 on the Enclosures. The basic difference between this and standard devices is the fundamentally new scheme of measuring heat flow, based on an element producing a definite heat flow. The design of the calorimeter is shown in Fig. 2 on the 9-m

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L 8528-65

ACCESSION NR: AP4046808

Enclosures. The temperatures of the specimen and of the plate are measured by means of a potentiometer. The specimen is measured on the hotter side and the cooler side and the temperature drop is determined. The equality of temperature between the calorimeter casing and the shield of the heat-generating elements is determined by a null galvanometer. The coefficient of thermal conductivity, λ , in kcal/m·hr·°C, is given by the equation $\lambda = \frac{0.86Iv\delta}{F\Delta t}$, where I is the current strength at the calorimeter heater, v is the voltage at the calorimeter heater, δ is the thickness of the specimen between thermocouples, F is the area of the calorimeter heater shield, and Δt is the temperature drop on the specimen in °C. The device was tested against published data and found to give results in good agreement with these. Orig. art. has: 3 figures and 2 formulas.

ASSOCIATION: ORGRES

SUBMITTED: 00

ENCL: 02

SUB CODE: TD

NO REF SOV: 00

OTHER: 000

Card 2/4

L 8528-65

ACCESSION NR: AP4046800

ENCLOSURE: 01

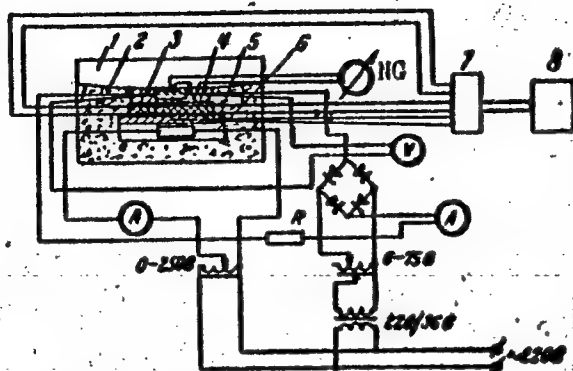


Fig. 1. Basic design of device.

- 1 - housing of device; 2 - heat-insulating cover; 3 - calorimeter;
- 4 - test specimen; 5 - cast iron heating plate; 6 - ceramic heater;
- 7 - thermocouple switch; 8 - PP potentiometer.

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L 8528-65

ACCESSION NR: AP4046808

ENCLOSURE: 02

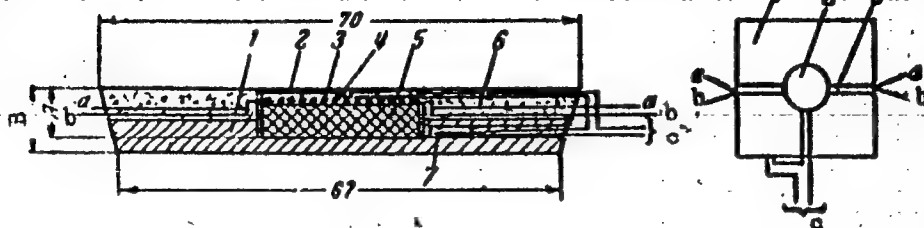


Fig. 2. Design of calorimeter.

1 - casing of calorimeter; 2 - shield of heat-generating element;
3 - heater; 4 - thermocouple under shield of heat-generating element;
5 - heat-insulating cover of generating element; 6 - heat-resistant
cement; 7 - thermocouple in casing of calorimeter; a - current leads
to calorimeter heater; b - leads for measuring voltage at heater;
c - leads for differentially combined thermocouples.

Card 4/4

ANDREYCHENKO, A.V., inzh.; KONSTANTINOV, T.F., inzh.; DAV, Z.I., inzh.;
SMEKALOV, A.G., inzh.

Study of the stresses in the rods of reinforced concrete power transmission line towers. Energ. stroi. no.32:78-83 '62. (MIRA 16:5)

1. Beskudnikovskiy zavod zhelezobetonnykh konstruktsiy (for Andreychenko, Konstantinov). 2. Moskovskiy filial Vsesoyuznogo instituta po proyektirovaniyu organizatsiy energeticheskogo stroitel'stva (for Dav, Smekalov).

YERMOLAYEV, V.I., KRYUCHKOV, V.V., SNEKALOV, M.M.

Modern signaling, central control and block system equipment used
in underground electromotive transport. Priboroostroenie no.12:2-5
D '56. (MIRA 10:1)
(Subways--Signaling) (Automatic control)

SMOKALOV, Vasilii Ivanovich; LIPKIND, M.Ya., inzhener; ZHUREBIN, M.I.,
inzhener, redaktor; KANDYKIN, A.Ye., tekhnicheskii redaktor

[Detection of imperfect rails in the track] Obnarzhenie defektnykh
rel'sov v puti. Moskva, Gos. transp. shel-dor. izd-vo, 1954 26 p.
(MLRA 8:7)

1. Putevoy obkhodchik po osmotru rel'sov Kuzinskoy distantzii puti
Sverdlovskoy dorogi (for Smekalov). 2. Nachal'nik tekhnicheskogo
otdela sluzhby puti Sverdlovskoy dorogi (for Lipkind).
(Railroads--Rails)

Electrical properties of monocrystalline HgTe and its alloys with CdTe.
V. I. Ivanov-Omskiy, B. T. Kolomiets, A. A. Mal'kova, V. K. Ozorodnikov,
K. P. Smekalova. (Presented by V. I. Ivanov-Omskiy--15 minutes).

Notes: HgTe is semi-metallic; at 4°K the band overlap is ~ 0.05 eV,
 $\mu_h/\mu_e = 50$ to 100.

Report presented at the 3rd National Conference on Semiconductor Compounds,
Kishinev, 16-21 Sept 1963

ACCESSION NR: AP4041377

S/0048/64/026/006/1057/1064

AUTHOR: Ivanov-Omskiy, V.I.; Kolomiets, B.T.; Mal'kova, A.A.; Ogorodnikov, V.K.; Smakalova, K.P.

TITLE: Electric properties of single crystals of p-type HgTe and its alloys with CdTe /Report, Third Conference on Semiconductor Compounds held in Kishinev 16 to 21 Sep 1963/

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v.28, no.6, 1964, 1057-1064

TOPIC TAGS: semiconductor property, electric property, Hall constant, mercury telluride, cadmium telluride

ABSTRACT: Single crystals of HgTe and HgTe-CdTe solid solutions were prepared by Bridgman's method and annealed in mercury vapor. Electric conductivities, Hall constants, and magnetoresistances were measured, in some cases at temperatures as low as 2°K. The relation between the Hall constant of HgTe and the magnetic field was determined at 4.2°K. The relation between the Hall constant and the magnetoresistance was determined for HgTe at several temperatures and was found to be linear. The behavior of the Hall constant of HgTe at low temperatures varied from sample to

Card 1/3 1/2

ACCESSION NR: AP4041377

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: SS, IC

NR REF SOV: 001

OTHER: 007

Card 3/3

L 3459-66 EWT(1)/EPA(s)-2/EWT(m)/ETC/ENG(m)/EPA(w)-2/T/EWP(t)/EWP(b)/EWA(m)-2/EWA(c)
 ACCESSION NR: AP5017205 LJP(c) RDW/JD/JG UR/0020/65/162/006/1269/1270

AUTHORS: Ivanov-Omskiy, V. I.; Kolomiyets, B. T.; Ogorodnikov,
V. K.; Smekalova, K. P.; Konstantinov, B. P.

TITLE: Electron mobility in HgTe

SOURCE: AN SSSR. Doklady, v. 162, no. 6, 1965, 1269-1270

TOPIC TAGS: mercury compound, telluride, Hall coefficient, semi-
conductor carrier, electron mobility, magnetoresistance

ABSTRACT: In view of the difficulty of determining the type of conductivity of HgTe from measurements of the Hall effect, owing to the larger ratio of the electron mobility to the hole mobility (~100), the authors investigated single-crystal samples of HgTe, prepared by zone melting with subsequent annealing in mercury vapor, over a large range of temperatures. From the temperature dependence of the Hall coefficient it is concluded that HgTe is a semiconductor of the n-type, whose carrier mobility has a temperature dependence typical of the degenerate electron gas in semiconductors and in metals. The electron

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ACCESSION NR: AP5017205

mobility is quite high at all temperatures, reaching 200,000 cm²/V-sec. The Hall coefficient exhibits a strong dependence on the magnetic field intensity. This is attributed either to inhomogeneity to the crystal or to the complicated energy spectrum of the electrons in the HgTe. The magnetoresistance of HgTe is characterized by curves having a continuously varying slope and exhibiting no saturation. This report was presented by B. P. Konstantinov. Orig. art. has: 2 figures

ASSOCIATION: Fiziko-tekhnicheskiy institut im. A. P. Ioffe Akademii nauk SSSR (Physicotechnical Institute AN SSSR)

SUBMITTED: 16Dec64

ENCL: 00

SUB CODE: NP

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OTHER: 005

BVK
Card 2/2

SMEKALOVA, L.K.

Dividing a territory into physico-geographical districts for studying
frost danger. Vest. LGU 12 no.2:164-167 '57. (MIRA 11:2)
(Frost)

SMEKALOVA, L.K.

Intensity of morning frosts in different locales of Leningrad
Province. Vest. LGU 12 no.6:112-121 '57. (MLBA 10:5)
(Leningrad Province--Frost)

SERENKOVA, L.K., Can Geogr Sci -- (diss) "Intensity of the First
Autumn Frosts under Various Types of Weather on the Territory of ~~the~~
Leningrad ~~Region~~ ^{oblast}", Len, 1958, 10 ~~pages~~ ^{pp} (Leningrad Order of Lenin
State University im A.A. Zhdanov). 100 copies (KL 10-58, 119).

- 9 -

SMEKALOVA, L.K.

Frost intensity under conditions prevailing at various locations
in Leningrad Province. Uch.zap.LGU no.269:96-122 '59.
(MIRA 12:6)

(Leningrad Province--Frost)

SMEKALOVA, L.K.

Some types of connection between moisture content and rainfall.

Trudy OGMI no.23:17-22 '61.

(MIRA 16:6)

(Humidity) (Rain and rainfall)

SMEKALOVA, L.K.

Relationship between the moisture content and precipitation.
Vest. LGU 17 no.18:120-124 '62. (MIRA 15:10)
(Black Sea region—Precipitation (Meteorology)
(Black Sea region—Moisture)

KALININA, I.I.; SMEKALOVA, L.K.

Moisture transfer over the Ukrainian S.S.R. and the Moldavian S.S.R.
Trudy OGMI no.28:39-45 '62. (MIRA 16:6)
(Ukraine--Moisture) (Moldavia--Moisture)

TUR'YAN, Ya.I., kand.tekhn.nauk; SMEKALOVA, V.V.; KHARLAMOVA, V.M.

Developing the automatic control of the liquor vapor content in the
production of ammonium nitrate. Khim.prom. no.8:679-681 D '60.
(MIRA 13:12)

1. Lisichanskiy filial Instituta avtomatiki Gosplana USSR.
(Ammonium nitrate)

TUR'YAN, Ya.I.; SMEKALOVA, V.V.

Polarographic study of equilibria in the interaction of hydroxylamine and cyclohexanone oxime with formaldehyde in aqueous solutions. Zhur.anal.khim. 17 no.9:1117-1119 (MIRA 16:2)
D '62.

1. Yaroslavskiy institut monomerov i Lisichanskiy filial
Instituta azotnoy promyshlennosti.
(Hydroxylamine) (Cyclohexanone) (Formaldehyde)

TUR'YAN, Ya.I.; SMEKALOVA, V.V.

Indirect method of polarographic determination of cyclohexanone oxime, hydroxylamine, aci-form of nitrocyclohexane, nitromethane, and nitroethane. Zav.lab. 28 no.8:923-926 '62. (MIRA 15:11)

1. Lisichanskiy filial Gosudarstvennogo instituta azotnoy promyshlennosti.

(Azepinone) (Polarography)

TUR'YAN, Ya.I.; SMEKALOVA, V.V.

Polarographic study of the equilibrium of formaldehyde reactions
with nitro alkanes and nitrocyclohexane. Zhur.prik'.khim. 35
no.12:2729-2734 D '62. (MIRA 16:5)

1. Lisichanskiy filial Instituta azotnoy promyshlennosti.
(Formaldehyde) (Paraffins) (Chemical equilibrium)

YURBE, Nil Andreyevich; SMIRKAYEV, Petr Aleksandrovich; TIMOFEEV, V.P.,
prof. red.; MAMEDOV, T.W., red.; POLUNICHEVA, I.A., red. 1st-va;
BRATISHKO, L.V., tekhn. red.

[Increasing the productivity of forests; forty years' practice of
the Serebryanyye prudy working group] Povyshenie produktivnosti lesa;
40-letniy opyt raboty Serebriano-prudskogo lesnichestva. Pod ob-
shchei red. V.P. Timofeeva. Moskva, Goslesbumisdat, 1957. 54 p. --
(Serebryanyye Prudy District--Forests and forestry)(MIRA 11:7)

L 27220-66 EWT(m)

ACC NR: AM6002131

Monograph

UR/ 22

Frolov, Nikolay Prokhorovich; Bessonov, Valeriy Georgiyevich; Zalogo, Vitaliy
Fedorovich; Petsol'd, Timofey Maksimovich; Smekh, Ivan Vasil'yevich B+1

Mesh-reinforced concrete¹⁵ constructions (Armotsementnyye konstruksii) Minsk, Nauka i tekhnika, 1965. 90 p. illus., biblio. 2000 copies printed.

TOPIC TAGS: construction material, reinforced concrete, engineering technology

PURPOSE AND COVERAGE: The book recommends technology to be used in manufacturing reinforced-concrete structures. It summarizes the results of the investigations of rigidity and crack-resistance of reinforced concrete and analyzes some particular features of its work and design. In addition, an example of the design of a reinforced concrete structure is given, and the results of an experimental investigation of its performance are outlined. The book is intended for engineers and technicians working in building and designing organizations, as well as for students specializing in construction and research workers in this field. There are 46 references, of which 26 are Soviet.

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Ch. I. Use of reinforced concrete in construction -- 5

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Ch. II. Materials and techniques in making reinforced concrete structures -- 12

Ch. III. Investigation of the physical and mechanical properties of reinforced concrete -- 22

Ch. IV. Features in the performance of reinforced concrete -- 47

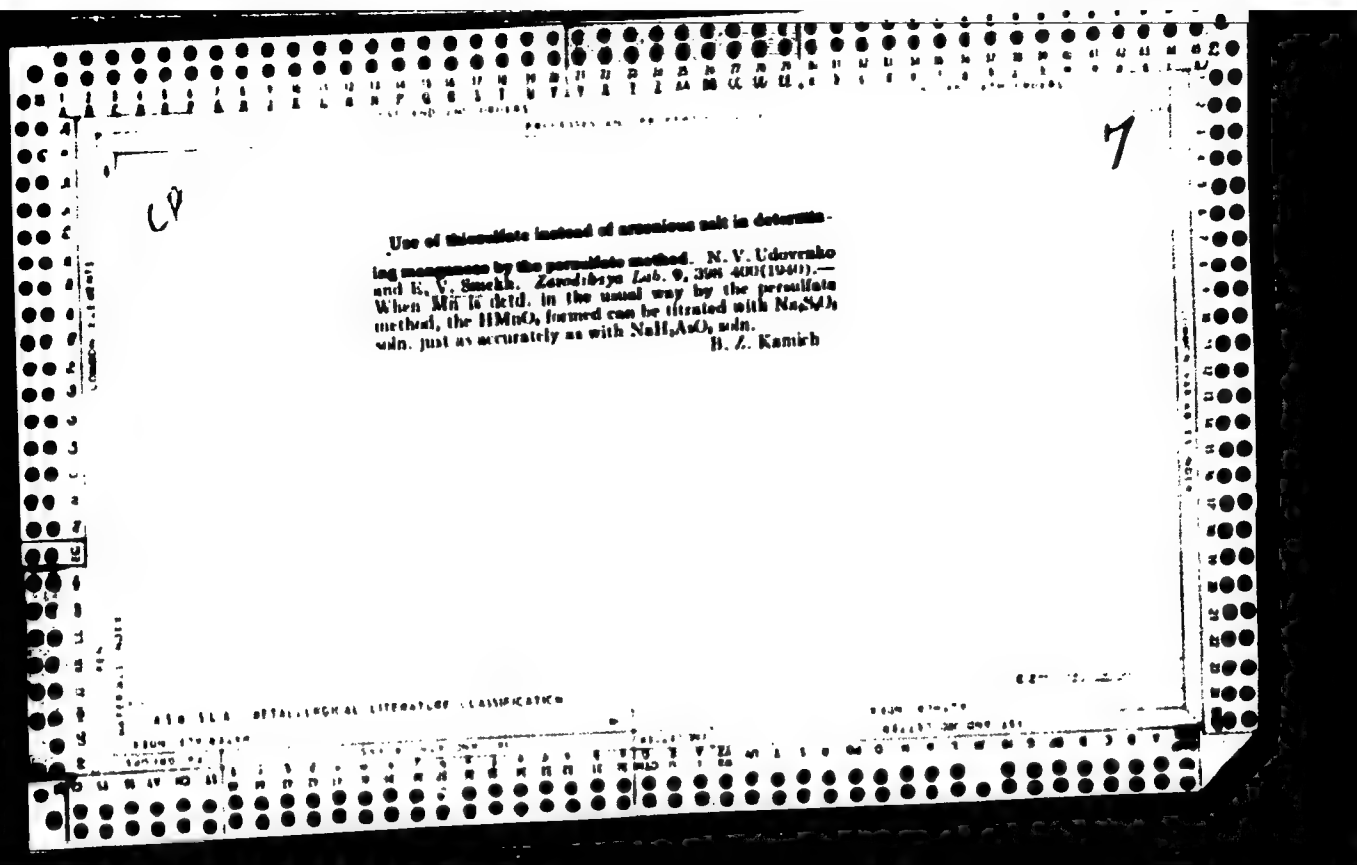
Ch. V. Design of reinforced concrete structures -- 73

Bibliography -- 89

SUB CODE: 11/ SUBM DATE: 09Jul65/ ORIG REF: 029/ OTH REF: 017/

Card 2/2 NC

1st and 2nd Entries		PROCESS AND PROPERTIES INDEX		3rd and 4th Entries	
S				21	
<p>The Use of Sodium Thiosulphate Instead of Sodium Arsenite in the Determination of Manganese by the Peroxiphosphate Method. N. V. Udovenko and E. V. Gromkh. (Zavodskaya Laboratoriya, 1961, No. 4, pp. 308-310). (In Russian). The results obtained by the peroxiphosphate method of determining manganese were unchanged when sodium thiosulphate was used for the final titration instead of sodium arsenite. Thiosulphate can also be used for the potentiometric titration. Sodium thiosulphate solution is to be preferred to sodium arsenite, as it is non-poisonous and more stable, particularly in warm weather.</p>					
<p>ASB-514 METALLURGICAL LITERATURE CLASSIFICATION</p>					
1st and 2nd Entries		3rd and 4th Entries		5th and 6th Entries	



117 AND 118 CODES

PROCESSES AND PROPERTIES - 0008

7

Determination of copper in carbon and low alloy steels by means of internal electrolysis. F. V. Smekhin and A. M. Nalguvren. *Zashchita* Lab. 9, 1218(1966). Immerse 1 g. of sample in 10-15 ml. HCl (1:1) and add 3-4 ml. of HNO_3 (1:40) and 5 ml. H_2SO_4 (1:1) and evap. to fumes of SO_3 . Cool, add 30-40 ml. water, heat to 60-70° and add 4 g. of dil. with water to 250 ml. heat to 60-70° and add 4 g. of hydrazine. Immerse a Pt cathode and Al anode and conduct the electrolysis at 70° for 45 min. Remove the electrodes, wash, dry and weigh the cathode. The cathode should be a gauge and its edge should protrude above the electrolyte. The anode is prepl. from pure Al and is 15 mm in diam and 120 mm long. H / K

DETALLING LITERATURE CLASSIFICATION

117 AND 118 CODES

28156

S/122/61/000/003/009/013
D241/D305

1.1950

AUTHORS:

Zemskov, G.V., Candidate of Technical Sciences,
Docent, Smekh, Ye.V., Gushkin, L.K., and Khmelevs-
kaya, M. Ye., Engineers

TITLE:

Ultrasonic cleaning of steel from scales

PERIODICAL: Vestnik mashinostroyeniya, no. 3, 1961, 59-61

TEXT: The authors carried out research on the effect of ultrasonics on cleaning steel wire after drawing and patenting as well as on clock files and ordinary files after their hardening in oil. Pickling was carried out in a stainless steel bath. The ultrasonic vibrations were produced by a valve generator of 2.5 KW and employing a band of frequencies of 18 - 50 Kc. Nickel and "permen-
dure" (K50F2) magnetostrictive vibrators mounted below and on the side of the bath produced the vibrations. No effect of frequency variation on the speed of etching was observed. The wire was treated in bundles, whereas the files were etched in bunches. Use was made of the following media: Water, a solution of sulphuric

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28256

S/122/61/000/003/009/013
D241/D305

Ultrasonic cleaning of steel ...

and hydrochloric acids, their mixtures and solutions of culinary salt and alkalis. The relationship between the time of cleaning and the composition, concentration and temperature of solutions was established. The effect of the number of rows of wire in a bundle was also investigated. For comparison purposes experiments were carried out without the ultrasonics. Fig. 1 illustrates the relationship between the time of etching a patented wire in steel 70 and the concentration of acids. It can be seen from the graphs that the duration of etching is reduced by tens of times, and it reaches the minimum with a concentration that is lower than in normal etching. This allows a less frequent renewal of solutions. The effect of temperature is indicated graphically also. With lower concentrations of acids there is a greater effect of temperature on the speed of etching. The introduction of hydrochloric acid into the sulphuric acid solution increases the speed of pickling and produces a clearer metal surface. The most suitable solutions are the 10% sulphuric or hydrochloric acid with a content of 5% NaCl. The effect of screening due to the number of rows of wire in the bundles is also shown. If the article is preliminarily

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28.56

S/122/61/000/003/009/013
D241/D305

Ultrasonic cleaning of steel ...

treated during 5-10 minutes in a solution of sulphuric or hydrochloric acids and then cleaned by ultrasonics in water, the scales will be removed in 1 - 3 minutes which is a few times slower than in a solution of acid. Cleaning in water promotes rinsing of the etching solution. This can lead to a reduction of brittleness due to hydrogen. The mechanics of ultrasonic removal of scales is then described. There are 4 figures and 2 references: 1 Soviet-bloc and 1 non-Soviet-bloc.

X

Card 3/5

5/137/62/000/007/070/072
A160/A101

AUTHORS: Zemskov, G. V., Kogan, R. L., Smekh, Ye. V., Zdanovich, V. L.,
Gushchin, L. K., Kostenko, A. V.

TITLE: The problem of hardening steel in an ultrasonic field

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 7, 1962, 109, abstract 71746
("Nauchn. zap. Odessk. politekhn. in-t", 1962, 37, 41 - 44)

TEXT: The investigation of the effect of an ultrasonic field on the process of hardening was carried out with Y 8 (U8) and X 12 Φ (Kh12Φ) steels. For comparison reasons, experiments were made by quenching these steels in water with and without the ultrasonic field. The U8 steel was hardened from 800 - 820°C, the intensity of the ultrasonic field was within 1 - 2 va/cm², and the frequency of the ultrasonic oscillations - 23 kilocycles. The Kh12Φ steel was quenched from 1,130°C in oil or in water with and without the action of the ultrasonic field. The subsequent triple tempering was carried out at 510 - 530°C for 1 hour and the steel cooled in the open air. It was determined that the hardenability and the hardness of the U8 steel increase (Rc increases from 37 - 42 to 54 - 60 in a

Card 1/2

7

A

EFFECTIVENESS OF MECHANIZED PEAT LOADING METHODS. Smekhov, A.A. (Trf. Prom. (P ost Ind.), Sept. 1951, 15, 16).

MAKHOV, A.A., kandidat tekhnicheskikh nauk.

~~MAKHOV~~ Determining the optimum number of car deliveries to the freight
yard. Trudy NTET no.3:127-145 '56. (MLRA 10:6)
(Railroads--Making up trains)

SMEKHOV, A.A., kandidat tekhnicheskikh nauk.

Organizing loading and unloading in freight yards. Zhel.dor.transp. 37
no.4:87-90 Ap '56. (MLRA 9:7)

(Europe, Western--Loading and unloading)

SMIRKHOV, A.A., kand.tekhn.nauk.

Planning warehouses with tracks leading into the interior. Trans.
stroil. 7 no.4:22-25 Ap '57. (MIRA 10:10)
(Warehouses) (Railroads--Sidings)

SMEKHOV, Anatoliy Alekseyevich, kand. tekhn. nauk; TSARENKO, A.P., red.;
BOBKOVA, Ye.N., tekhn. red.

[Railroad freight yards and warehouses in foreign countries]
Gruzovye dvory i sklady zheleznodorozhnykh stantsii za rubezhom.
Moskva, Gos. transp. zhel-dor. izd-vo, 1958. 173 p. (MIRA 11:7)
(Warehouses) (Railroads--Yards)

SMIRNOV, A.A., dots.

Characteristics of the freight-handling process in the transportation
of peat. Trudy MTBI no.9:88-112 '58. (MIRA 11:5)
(Railroads—Freight) (Peat—Transportation)

SMEKHOV, A.A., kand. tekhn. nauk.

Automatic control of loading and unloading machinery. Zhel. dor. transp.
40 no.12:34-40 D '58. (MIRA 12:3)
(Loading and unloading) (Automatic control)

28(1), 32(3)

SOV/118-59-9-6/20

AUTHOR Smekhov A A., Candidate of Technical Sciences

TITLE Automation of Loading and Unloading Operations at Railroad Stations

PERIODICAL: Mekhanizatsiya i avtomatizatsiya proizvodstva, 1959
Nr 9, pp 21-27 (USSR)

ABSTRACT. According to 1959-1965 reconstruction plans, an extensive building of railroad warehouses and mechanized loading and unloading installations has been undertaken. First of all, attention is paid to the automation of cranes and transport equipment used at large freight yards. Three methods of automatic control (PAU) are considered: local - from the cabin, remote, and teletype control. The first two types of control are realized by means of relay-systems; the number of relays used is determined by the number of commands to be given from the control board, which, in turn, depends on the number of leads and the conditions of work. In designs of PAU TsNIIIEVT, all leads of portal cranes, except those for lifting device, are intended for single-speed working

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SOV/118-59-9-6/20

Automation of Loading and Unloading Operations at Railroad Stations

condition. In the Table reproduced on page 22, devices of the PAU for overhead travelling and grab cranes are given. The teletype method permits control of several cranes by one operator. The most efficient systems of teletype control are the code-frequency and the contactless cyclic systems; both of them can exercise control over the radio. The code-frequency system of VNIPTMASH applies a double code for the transfer of commands: each impulse in the code has 2 meanings. Thus with 4 frequency generators it is possible to form $2^4 = 16$ commands, and with 5 generators - $2^5 = 32$ commands (see Fig. 1). The principle of the contactless cyclic system is shown in Fig. 2. It is based on the synchronized work of transmitting and receiving commutators-distributors built on magnetics with a rectangular hysteresis loop. Devices of cyclic automatics are used for the control of conveyors, dosimeters, feeders, etc. Fig. 3 shows a layout of an automatic control of cranes and conveyors. In some cases, the systems of reflex and semi-reflex automatics are applied.

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SOV/118-59-9-6/20

Automation of Loading and Unloading Operations at Railroad Stations

The layout of a semi-reflex system, worked out by the TsNIIIEVT and Lengiprorrechtrans, and used for control of portal cranes, is shown in Fig. 4. In order to increase the economic efficiency of automation, it is recommended using high quality compounds, such as germanium diodes and triodes, magnetics and contactless monitors. There are 6 graphs, 2 tables and 4 diagrams.

Card 3/3

SMEKHOV, A.A., kand.tekhn.nauk

Outlook for the automation of operations at freight terminals.
Zhel.-dor.transp. 41 no.9:30-35 5 '59. (MIRA 13:2)
(Railroads--Freight) (Automation)

SMEKHOV, Anatoliy Alekseyevich, kand.tekhn.nauk. Prinsipal uchastiye
YEGOROV, K.A., kand.tekhn.nauk. YEFIMOV, G.P., red.;
MMDVEDEVA, M.A., tekhn.red.

[Principles of the automatization of loading and unloading
operations] Puti avtomatizatsii pogruzochno-razgruzochnykh
rabot. Moskva, Vses.izdatel'sko-poligr.ob"edinenie M-va putei
soobshcheniia, 1960. 113 p. (MIRA 13:9)
(Loading and unloading) (Automatic control)
(Railroads--Freight)

SMEKHOV, A.A., kand.tekhn.nauk

"New types of automatic loaders, small containers, and pallets"
by G.P. Efimov, L.A. Kogan. Reviewed by A.A. Smekhov. Vest.
TSNII MPS 17[1.e.19] no.7:63 '60. (MIRA 13:11)
1. Moskovskiy institut inzhenerov zheleznodorozhnogo transporta
imeni I.V.Stalina.

(Railroads--Equipment and supplies)

(Loading and unloading)

(Efimov, G.P.)

(Kogan, L.A.)

SMERKHOV, A.A., kand.tekhn.nauk; TRIFONOVA, M.G., inzh.; KLEYMEROV, Ye.I., inzh.

Ways for the mechanization and automatization of operations in freight agencies. Vest. TSNII MPS 19 no.3:12-17 '60. (MIRA 13:10)

1. Moskovskiy institut inzhenerov zheleznodorozhnogo transporta im. I.V.Stalina i Vsesoyuznyy nauchno-issledovatel'skiy institut zheleznodorozhnogo transporta.

(Railroads—Management)

(Automatic control)

SMEKHOV, A.A., kand.tekhn.nauk

Some problems in the over-all automation of technological processes
in freight stations. Vest.TSNII MPS 20 no.3:18-23 '61.
(MIRA 14:5)

1. Moskovskiy institut inzhenerov zheleznodorozhnogo transporta
imeni I.V.Stalina.
(Railroads—Freight) (Automatic control)

SMEKHOV, A.A., kand.tekhn.nauk

Automatization of loading and unloading of bulk cargo. Zhel.
dor.transp. 43 no.3:40-45 Mr '61. (MIRA 14:3)
(Loading and unloading) (Automatic control)

SMEKHOV, A.A., kand.tekhn.nauk

Selecting the optimum reloading processes. Vest.TSNII MFS
21 no.6:58-61 '62. (MIRA 15:9)

1. Moskovskiy institut inzhenerov zheleznodorozhnogo
transporta.

(Linear programming)
(Loading and unloading—Equipment and supplies)

SMEKHOV, A.A.; MEKLER, A.P., kand. tekhn. nauk, retsenzent; SAVKIN,
A.M., kand. ekon. nauk, retsenzent; ANDREYEV, K.I., inzh.,
red.; BARYKOVA, G.I., red. izd-va; UVAROVA, A.F., tekhn. red.

[Automation in warehouses] Avtomatizatsiia na skladakh. Moskva,
Mashgiz, 1962. 267 p. (MIRA 15:12)
(Warehouses--Equipment and supplies) (Automation)

SMEKHOV, A.A., kand.tekhn.nauk

Basic principles for the automation of storage accounting. Mekh.1
avtom.proizv. 16 no.5:39-41 '62.

(MIRA 16:5)

(Storage and moving trade)

(Machine accounting)

SMEKHOV, A.A., dotsent

Theoretical problems in the planning and design of freight
yards and container service points. Trudy MIIT no.146:38-92
'62. (MIRA 15:12)

(Railroads—Freight)

(Railroads—Yards)

SMEKHOV, A.A., kand.tekhn.nauk

Problems of the automation of operations in freight stations.
Zhél.dor.transp. 44 no.7:52-55 J1 '62. (MIRA 15:8)
(Railroads--Freight) (Automatic control)

SMEKHOV, A.A., kand. tekhn. nauk

Means for automatic accounting and registration of freight
transportation. Mekh. i avtom. proizv. 18 no.5:48-53 Je '64.
(MIRA 17:9)

SMEKHOV, Anatoliy Alekseyevich; BOBYLEVA, L.V., red.

[Automation of accounting and the documentation of freight transportation] Avtomatizatsiia ucheta i oformleniia gruzovykh perevozok. Moskva, Ekonomika, 1965. 203 p.
(MIRA 18:8)

SMERKHOV. A.A., kand.tekhn.nauk; SHTEFKO. I.V.. kand.tekhn.nauk; SMORODINOV. M.A.,
kand.tekhn.nauk; ARKHANGEL'SKAYA, L.F., inzh.

Construction and operation technology of the base unloading stations
for mineral fertilizers, Zhel.dor.transp. 47 no.10:32-34 0 '65.
(MIRA 18:10)

ОТЕЧЕСТВО, Б

Sotsialisticheskaya industriya SSSR na novom moshchom pod'yeme (Socialistic Industry of the USSR in a new vigorous advance.) Moskva, Gos. izd-vo Politicheskoy lit., 1951
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1952, Sofiya, Bulgaria.

SO: Monthly List Of East European Accessions L.C. Vol. 2, No. 11, Nov. 1953, Uncl.

1. Introduction

2. Statement of the problem. In view of the fact that, in the

SMEKHOV, Boris Moiseyevich; KOMINA, L., redaktor; MUKHIN, Yu., tekhnicheskiy
redaktor

[Planning capital investment] Planirovaniye kapital'nykh rabot.
Moskva, Gos.izd-vo polit.lit-ry, 1955. 142 p. (MLRA 9:2)
(Russia--Economic policy)

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SMEKHOV, B.

Capital investments and the rate of growth of the production of the
means of production. Vop. ekon. no.2:3-16 P '60.

(MIRA 13:1)

(Capital investments) (Income)

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tekhn. red.

[Planning capital investments] Planirovanie kapital'nykh
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(MIRA 14:4)

(Capital investments)

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[Principles of working out an interbranch balance] Osnovy razrabotki mezhotraslevogo balansa; uchebnoe posobie. [By] G.I. Grebtsov i dr. Moskva, Ekonomizdat, 1962. 278 p. (MIRA 16:3)

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